

Site building with Umbraco 7

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What is Umbraco?

Umbraco is a web content management system.

A brief history of Umbraco

Created by Niels Hartvig

Open sourced in 2005

Originally XSLT based

A brief history of Umbraco

Supports Webforms and Master Pages
MVC introduced in v4 and improved in v6
Backoffice rebuilt using AngularJS in v7

Advantages of Umbraco

Elegant, tablet-friendly editor interface

High performance

Built on ASP.NET

Free, open source

Installing Umbraco

- Manual install
- Web Platform Installer
- Nuget

Demo

Core concepts

Document Types
define content structures

Core concepts

Data Types

define the fields of a Document Type

Core concepts

Content Nodes
are created by editors

Core concepts

Content Nodes

have fields based on their Document Type

Core concepts

Content Nodes

Property editors define the UI for each Data Type

Demo

Core concepts

Templates

define the rendering of content

Core concepts

Templates
are MVC Views with Razor syntax

Core concepts

Stylesheets and Scripts
are editable in the back office

Demo

MVC and Umbraco

Surface Controllers

are auto-routed based on Document Type

MVC and Umbraco

View Models
can be Strongly typed

Demo

Packages and Starter Kits

Our.Umbraco.org/projects

Examples:

- Archetype
- Articulate
- Merchello
- YouTube, Google Maps, SEO, analytics, etc.

Resources

- The New York Umbraco Meetup
 - Next meetup is September 24
 - Follow us at @UmbracoNYC
- Our.Umbraco.org (the Umbraco community site)
 - Downloads, Documentation, Forums, Projects, Events
- Umbraco HQ and Umbraco.tv
- Conferences: uWestFest, Codegarden

Note: these slides and links to additional resources are posted at AlexLindgren.com & HeatherFloyd.com

Q & A